

Title (en)

PROCESS FOR THE ELECTROCHEMICAL ROUGHENING OF ALUMINIUM PRINTING PLATE SUPPORTS IN AN AQUEOUS MIXED ELECTROLYTE

Publication

EP 0162283 B1 19880601 (DE)

Application

EP 85104605 A 19850416

Priority

DE 3415364 A 19840425

Abstract (en)

[origin: US4618405A] Disclosed is a process for electrochemically roughening aluminum or aluminum alloys for use as printing plate supports, in an aqueous mixed electrolyte solution containing hydrochloric acid (HCl) and, as an additional inorganic electrolyte, at least one compound selected from the group consisting of condensed phosphoric acids, amidosulfonic acid, and the water-soluble alkali metal salts and ammonium salts thereof. In particular, the solution contains from 0.5 to 10% by weight of HCl and from 0.05 to 5.0% by weight of the additional inorganic electrolyte (for example, diphosphoric acid or polyphosphoric acid). The support materials which are particularly uniformly roughened are employed in the production of offset-printing plates.

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CPC (source: EP US)

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EP 0162283 A2 19851127; **EP 0162283 A3 19851227**; **EP 0162283 B1 19880601**; CN 85101448 A 19870124; DE 3415364 A1 19851031; DE 3563076 D1 19880707; JP S60234896 A 19851121; US 4618405 A 19861021

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